JAVELIN®
software by Weyerhaeuser

Flat Roof with Rim Closure

Javelin, currently does not allow a continuous Rim material as a closure in a roof application. Use the following steps to get Rim on the material list.

Design Considerations with NBCC:
1. No CVC, TJ-Pro Rating or composite action results on the member report.
2. Wall Headers may have extra Live Load added due to the load classification of Floor Live Load used rather than Snow Load.

Steps:
1. Create supports as specified by Architectural design drawings.

2. Input Floor Container [icon] change loading to equal desired Roof Design Loads, offset the floor container from the wall or supports if there are overhangs required for the joist.

3. On the floor container tool bar click the Generate Accessories [icon] button – This will add Rim material around the Floor Container boundaries.

4. Input Plane tag [icon] with roof properties:
   a. Pitch: 0/12
   b. Vertical Offset Method: Member Depth
   c. Member Depth: desired Joist Depth *(14")*
   Pick any wall, cut plane to match Floor Container *(for placement of Blocking)*.

5. Roof Tool bar: Select input Roof Joist [icon] Command verify and/or select desired product, spacing and blocking material.

6. When picking Bottom and Top ends of the Roof Joist select the inside face of the rim, this will save trimming the Roof Joist after input and eliminate Interferences before they are created.

7. Change any Closure Material on an overhang to Cantilever Closure

8. Uncut Plane [icon] – to prevent duplicate plane loads from being applied.

9. Insert correct Hex Details [icon]

10. Suppress incorrect Hex Details "R7"

Properties ⊓ ✕

Floor: Container ▾

⊞ Scheme Information
⊞ General
⊞ Floor Performance Options
⊞ Level and Floor Container Info
⊟ Loading and Deflection

Floor Top Chord Dead Load	12.0 lb/ft²
Floor Live Load	55.0 lb/ft²
Live Load Ratio L/	480.000
Live Load Absolute Limit	0.00"
Total Load Ratio L/	240.000
Total Load Absolute Limit	0.00"

⊞ Framing Defaults

Scheme Information

Properties ⊓ ✕

Plane ▾

⊟ Details

Plane Type	Roof
Pitch	0.00/12

⊟ Offset

Vertical Offset Method	Member Depth
Member Depth	1' 2"
Bearing Condition	Birdsmouth
Bearing Length	3 1/2"

⊞ Soffit Information
⊞ Decking
⊞ Plane Tag

Plane Tag

Properties ⊓ ✕

Floor - Accessory ▾

⊟ Accessory Properties

Application	Cantilever Closure
Material	1 1/4" x 14" 1.3E Timber
Advanced Material Selec	1 1/4" x 14" 1.3E Timber
Width	1 1/4"
Depth	1' 2"
Justification	Left side
Elevation	29' 6 5/8"

⊞ End Cuts
⊞ Length Override

Application
Application of Accessory to Floor System

R7

▸ Advanced Selection (Ctrl+A)	
◉ Construction Detail Symbols ▸	✑ Add Leader Line
▢ View ▸	Suppress Label

TrusJoist™
ENGINEERED WOOD PRODUCTS

Weyerhaeuser